

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000332495
PUBLICATION DATE : 30-11-00

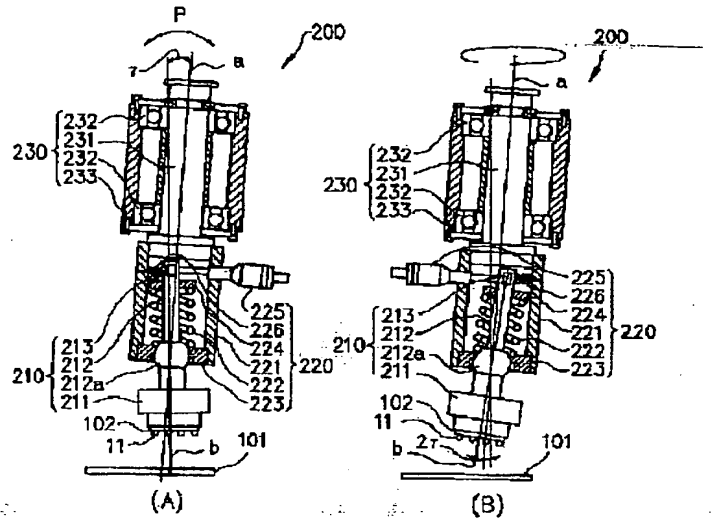
APPLICATION DATE : 25-05-99
APPLICATION NUMBER : 11145511

APPLICANT : SONY CORP;

INVENTOR : WATANABE AKIHIKO;

INT.CL. : H05K 13/04

TITLE : PART MOUNTER AND MOUNTING METHOD



ABSTRACT : **PROBLEM TO BE SOLVED:** To keep high mounting accuracy of a part constantly with respect to a board by adjusting in advance a mounting means at a rotational angle $-n^\circ$ in the direction reverse to the rotational angle for mounting a part $+n^\circ$ and turning the mounting means by $+n^\circ$, when the part is mounted thereby returning it to rotational angle to 0° .

SOLUTION: When a chip 102 is turned by $+n^\circ$ and mounted on a printed board 101, a tool 200 is adjusted beforehand to have an inclination angle of 0° at a rotational angle of 0° and then the tool 200 is adjusted to a rotational angle $-n^\circ$ in a direction opposite to the rotational angle for mounting the chip 102 by $+n^\circ$. Subsequently, the rotational angle is adjusted to 0° by turning the rotational axis (a) of a mounting head rotary section 230 by $+n^\circ$, and the mounting position of the chip 102 is corrected by turning it by an amount corresponding to shift in the rotating direction about Z. Since shift in the rotational direction about Z is a minute angle, a mounting head section 210 is returned to a position where the axis (b) is adjusted vertical, i.e., the vicinity of 0 rotational angle position where parallelism is adjusted between the chip 102 and the printed board 101.

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